Scout Report sent out	☑
Noted in the NID File	☑
Location map pinned	☐
Approval or Disapproval Letter	☐
Date Completed, P. & A. or operations suspended	3-6-57
Pin changed on location map	☐
Affidavit and Record of A & P	☐
Water Shut-Off Test	☐
Gas-Oil Ratio Test	☐
Well Log Filed	☑

FILE NOTATIONS

Entered in N I D File	✓	Checked by Chief	✓
Entered On S R Sheet	✓	Copy N I D to Field Office	✓
Location Map Pinned	✓	Approval Letter	✓
Card Indexed	✓	Disapproval Letter	
I W R for State or Fee Land			

COMPLETION DATA

Date Well Completed	3/6/57	Location Inspected	
OW	WW ✓	TA	Bond released
GW	OS	PA	State of Fee Land

LOGS FILED

Driller's Log 5/6/57

Electric Logs (No.) 2

E ✓ I E-I GR GR-N Micro ✓

Lat Mi-L Sonic Others

December 19, 1956

The California Company
P. O. Box 455
Vernal, Utah

Gentlemen:

It has come to the attention of this office that you intend drilling Well No. 43-14A, in the NE SE of Section 21, Township 7 South, Range 22 East, Uintah County, Utah, and Well No. 41-21A, in the NE NE of Section 21, Township 7 South, Range 22 East, Uintah County, Utah.

Please forward a notice of intention to drill to this office prior to spudding in, and a copy of all subsequent reports filed with the United States Geological Survey.

Yours very truly,

OIL & GAS CONSERVATION
COMMISSION

OLEON B. FRIGHT
SECRETARY

OBF:cn

Form 9-331a
(Feb. 1951)

Budget Bureau 42-R358.3.
Approval expires 12-31-55.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-0569
Unit Red Wash

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	X	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah December 20, 1956

Well No. (#54) 43-14A is located 1980 ft. from {N/S} line and 660 ft. from {E/W} line of sec. 14

NE SE 14 (¼ Sec. and Sec. No.) 7 S (Twp.) 22 E (Range) SLBM (Meridian)

Red Wash (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the ~~derrick floor~~ K.B. above sea level is 5236 ft. Est.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

We propose to drill a test well for oil or gas to be completed in the lower Green River formation.

16", 60.5, H40 conductor casing set at approximately 10' and cemented to surface.

10 3/4", 40.5#, J-55 casing set at approximately 400' and cemented to surface.

7" casing set below lowermost productive sands at approximately 6000' with sufficient cement to exclude all potential oil or gas zones.

Est. top Green River	3011
Est. first "Red Beds"	6116

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The California Company

Address P. O. Box 455

Vernal, Utah

By J. T. Cooper

Title District Superintendent

STANDARD OIL COMPANY OF CALIFORNIA
WESTERN DIVISION
P. O. BOX 455 • VERNAL • UTAH

PRODUCING DEPARTMENT
J. T. CROOKER
DISTRICT SUPERINTENDENT

December 26, 1956

The State of Utah
Oil & Gas Conservation Commission
Room 105 - Capitol Building
Salt Lake City, Utah

Attention: Mr. Cleon B. Feight

Gentlemen:

With reference to your letter of December 19, 1956, regarding the notices of intention to drill wells number 41-21A and number 43-14A. These notices were held up pending approval by The United States Geological Survey of our revised Plan of Development. This approval has now been obtained. We are attaching the notices of intent on the above two wells.

We will continue to file with your office all subsequent notices on our operations.

Yours very truly,

J. T. CROOKER

Attach.

December 28, 1956

The California Company
P. O. Box 455
Vernal, Utah

Re: Well No. 43-14A, Sec. 14, Twp. 7 South, R. 22 East and Well No. 41-21A, Sec. 21, Twp. 7 South, Range 22 East, Uintah County

Gentlemen:

This is to acknowledge receipt of your notices of intention to drill relative to the above mentioned wells.

Thank you for your cooperation in this matter.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
SECRETARY

CBF:cn

"In lieu of Form 9-330"

9

COMPLETION REPORT — NEW WELL

STANDARD OIL COMPANY OF CALIFORNIA

FIELD: Red Wash

PROPERTY: Section 14A

WELL NO: 43-14A (#54)

Sec. 14 T. 7 S R. 22 E SL B. & M.

LOCATION: 1980' from S line & 660' from E line

LAND OFFICE: Salt Lake City
LEASE NO.: U-0569

ELEVATION: 5236' K.B.

K.B. is 12.0' above ground

DATE: April 18, 1957

By J. T. CROCKER
Manager, Producing Department

DRILLED BY: Kerr Mc-Gee Oil Industries

DATE COMMENCED DRILLING: January 1, 1957

DATE COMPLETED DRILLING: March 6, 1957

DATE OF INITIAL PRODUCTION: March 27, 1957

PRODUCTION:							
Daily average, 1st	30	days	Gravity	29.0	° API	Pumping	X
Oil	18	Bbls.	T. P.	60	PSI	Flowing	
Water	75	Bbls.	C. P.	700	PSI	Gas Lift	
Gas	23	Mcf.	Bean		/64"		

SUMMARY

TOTAL DEPTH: 6292'

PBTD: 5668'

CASING: 16" conductor cem @ 21'.
10 3/4", 40.5#, J-55 cem @ 413'.
7" 23#, J-55 & N-80 cem @ 5727'.

LOGS RUN: Schlumberger E log: 6291' - 413'
Schlumberger Micrologs: 6289' - 2500'
McCullough Gamma Ray Collar log: 5671' - 2350'

MARKERS:
Top Green River - 2957'
"H" Point - 4975'
"K" Point - 5592'

DRILL STEM TESTS:

#1 - HFT 5260 - 5271'
#2 - HFT 5371 - 5394'
#3 - HFT 5593 - 5599'
#4 - HFT 5614 - 5632'
#5 - JFT 6195 - 6216'

WELL NO: 43-14A (#54) PROPERTY: Section 14A RED WASH FIELD

WORK DONE

0' - 21' 16" conductor

December 27, 1956 - January 1, 1957

Kerr McGee Oil Industries moved in and rigged up.

Spudded 7:00 P.M. January 1, 1957.

Drilled 15" hole, 4½" F.H. Drill Pipe, water drilling fluid.

21' - 429' 408' drilled.

Cemented 10 3/4", 40.5#, J-55 casing at 413'.
Halliburton mixed 275 sacks Type I cement to 16 ppg slurry. 15 min mix time, 20 min injecting one top rubber plug and displacing with Howco with 39 bbl water to leave 35' cem inside casing. Cem in place 2:25 P.M. Good cement returns to surface.

Casing Detail

All	11 jts.	433'	10 3/4" O.D., 40.5#, J-55, Rg 3, New Seamless casing, short 8 rd T&C. Includes Baker guide shoe. Centralizers 5' above shoe and on next 2 collars.
Total	11 jts.	433'	
Above K.B.		20'	
Cemented @		413'	

Casing Summary

Landed 10 3/4" casing 15' below K.B. leaving 398' of casing cemented @ 413'. Recovered 35' of 10 3/4" casing.

Cut and recovered 15' of 16" conductor. Stood cemented 20 hours. Installed Class III blowout prevention equipment. Pressure tested to 1500 psi with clear water for 15 minutes - o.k. (while standing cemented). Drilled out cement and guide shoe 382 - 413'.

413' - 3828' 3415' drilled.

January 11, 1957

Core #1 - 3828 - 3886', Rec 58'

3828 - 3829½ - Oil shale, m brn, banded
3829½ - 3834 - Sltst, m brn, hd, fractured w/high p p oil or tar in fractures having typical Green River shale oil odor-black oil-dull brn flsn 3" fractured w/oil infracs as above, oil is lt brn, sticky, same odor aa
3834 - 3843 - Sltst, lt gr, hd, finely inlamed w/strs brn sh
3843 - 3849 - Sh aa, med brn, banded
3849 - 3851 - Sltst, oil stn'd, highly fractured fracs, saturated w/sticky oil as at 3830'

WELL NO: 43-14A (#54) PROPERTY: Section 14A RED WASH FIELD

Core # 1 (cont'd)

3851 - 3864 - Sh, m brn, banded, hd irreg frac
3864 - 3870 - Sltst, tn-gr, v hd, v dns, strs m brn sh
3870 - 3873 - grades to Sltst, bl-gr, hd, dns
3873 - 3880 - Sh, m brn, banded aa
3880 - 3886 - Sh aa, bcm brn-blk,

Core #2 - 3886 - 3976', Rec 90'

3886 - 3892 - Oilshale, m brn, banded, hd, irreg frac
3892 - 3895 - Ss, lt brn, vfg, hd, dns, dolic, well cem, looks fi, spotty oil stn, very fnt pet odor,
Sltst, m gr, v hd
Oilshale aa
3895 - 3896 - Sltst, tn-grn, v hd, dolic
3896 - 3901½ - Oilshale, aa
3901½ - 3902½ - Ss, gr-brn, well cem, fg, ti
3902½ - 3916 - Oilshale, lt brn, evn texture; oilshale as above 3900'
3916 - 3918 - Sltst, gr-brn, v hd, dns
3918 - 3919 - Ss, conglomerate, lt brn oil stn, fg, p sort, sand to 1/8" gr-grn pebs, well cem, looks ti, contains flakey oil w/Sh oil odor, dull brn flsn
3919 - 3921 - Oilshale, aa
Sltst, lt brn, dolic, v hd; bcm lt gr sltst, hd, strs oil sh
3921 - 3922 - Oil stn'd ss, vfg, v hd, well cem, lt brn stn, shale oil odor, dull brn flsn
3922 - 3932 - Sltst, dk gr w/thin strs shale; bcm oil sh & sltst, aa
3932 - 3953½ - Oil stn'd ss, vfg, v hd, well cem, appears ti, lt brn stn, shale oil odor, dull brn flsn
3953½ - 3955 - Sltst, lt brn, v hd, dolic, strs oil sh
3955 - 3966 - Oilshale aa, except darker-almost black; bcm lt brn banded oil sh, strs sltst
3966 - 3976 - Oilshale, bcm dk brn to blk

Core #3 - 3976 - 4006', Rec 30'

3976 - 3991 - Oilshale, m brn-blk, hd, irreg frac
3991 - 3997 - Sltst, hd, dns w/med brn oil stn, fnt sh oil odor, dull brn flsn, bleeding gas after extracted from core barrel
3997 - 4006 - Oilshale aa, wi occ strs sltst

Core #4 - 4006 - 4096', Rec 90'

4006 - 4007 - Oilshale, m brn, hd irreg frac
4007 - 4009 - Sltst, hd, dns, str oil sh inlams
4009 - 4010 - Ss, lt brn-gr, vfg, violet flsn, spot brn stn
4010 - 4012 - Sltst, gr, hd, irreg fracs, pred in lams, str oil sh, fnt pet odor
4012 - 4020 - Oil sh, brn blk, hd, irreg fracs, str sltstn inlams, fnt pet odor
4020 - 4026 - Ss, tn brn, fg, sl fri, tn stn, sour odor, slty
4026 - 4028 - Sltst, brn-gr, hd, dns, str oil sh, aa
4028 - 4031 - Oil sh, brn, hd, irreg fracs, str sltst
4031 - 4039 - Ss, tn, brn, fg, sr, slty, hd, sli fri, violet flsn
4039 - 4040 - Sltst, gr-brn, hd, dns, str oil sh

WELL NO: 43-14A (#54) PROPERTY: Section 14A RED WASH FIELD

Core #4 (cont'd)

4040 - 4042 - Ss, tn, brn, vfg, m hd, slty, violet flsn, no odor, brn stn
4042 - 4044 - Sltst, tn-gr, v hd, dns
4044 - 4049 - Ss, tn-gr, fg, slty, tn stn, violet flsn, perm; bcms vy ti; bcms perm, aa,
4049 - 4070 - Sltst, brn-gr, v hd, dns, str oil sh; bcms perm; bcms pred oil sh, dk brn, dead pet odor, oil in fracs, str sltstn; 10" frac bleeding high pour pt. oil
4070 - 4075 - Ss, tn, f-mg, sr, well sort, slty, sour carbide pet odor, violet flsn, tn stn
4075 - 4087 - Sltst, gr, hd, spot mud stn; bcms pred oil sh w/str sltst; hd, dns, fnt odor, dk brn
4087 - 4096 - Ss, tn-gr, vfg, dns, hd, brn stn, violet flsn, sour odor, sr, well sort, slty

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Core #5 - 4096 - 4185', Rec 89'

4096 - 4098 - Ss, lt gr, fg, sa, hd, NSOF, ti, well sort
4098 - 4102 - Ss, aa, bcms perm
4102 - 4106 - Sltst, gr grn, dns, v hd, lmy
4106 - 4108 - Ss, tn-gr, vfg, sa-sr, well sort, NSOF
4108 - 4110 - Ss, aa, bcm dk brn dead oil stn, no odor, dull brn blk flsn
4110 - 4112 - Sltst, aa
4112 - 4114 - Ss, gr, vfg, v hd, ti, NSOF
4114 - 4117 - Sltst, aa
4117 - 4120 - Ss, gr, vfg, hd, sr, NSOF
4120 - 4121 - 6" Sltst
4121 - 4123 - Sltstn, aa
4123 - 4125 - Ss, gr, vfg, hd, ti, NSOF
4125 - 4126 - Sltstn, aa
4126 - 4146 - Ss, gr-tn, f-mg, sr, m hd, lt tn stn, no odor, dull brn flsn
4146 - 4161 - Sh, gr-brn, v hd, btl, str oil sh
4161 - 4179 - Ss, gr-dk gr, mg, sr, well sort, spot blk dead oil stn at top, no odor, dull dk brn flsn
4179 - 4185 - Sh, gr-grn, hd, dns, slty

Core #6 - 4185 - 4261', Rec 76'

4185 - 4189 - Sh, oil sh, gr brn, hd, btl, slty, dead oil stn inlams, dull gld brn flsn
4189 - 4197 - Ss, gr, fg, sr, well sort, dolic, NSOF, str sh
4197 - 4203 - Sltst, gr, v hd, irreg fracs, lmy mott app, str clystn
4203 - 4206 - Ss, tn-gr, vfg, dns, v hd, sl perm, NSOF, lmy
4206 - 4213½ - Sltst, dk gr, hd, irreg fracs, lmy cly
4213½ - 4215½ - Ss, tn-gr, vfg, dns, v hd, ti, NSOF
4215½ - 4219 - Sltst, dk gr, v hd, irreg fracs, lmy
4219 - 4223 - Ss, tn gr, vfg, v hd, dns, lmy, str hd sltst
4223 - 4229 - Sltst, gr, hd, dns, str ss, NSOF
4229 - 4231 - Sh-oil sh, hd, strssltst, free dead oil on fracs in lams
4231 - 4261 - Sltst, dk gr, v hd, str lmstn, gr, v hd

WELL NO: 43-14A (#54) PROPERTY: Section 14A RED WASH FIELD

Core #7 - 4261 - 4351', Rec 90'

4261 - 4262 - Sh, m gr, hd, irreg frac
4262 - 4267 - Ss, lt gr, vfg, well cem, hd, NSOF
4267 - 4273 - Grades to sltst, lt gr, hd, same as ss above except for grain size
4273 - bcm dk gr sltst, hd, irreg frac, strs dk sh
4273 - 4288 - Oilshale & sltst, oilshale dk gr, hd, dns, sltst, m gr hd, badly broken in bbl
4288 - 4293 - Ss, lt gr, fg, sa/sr, fair sort, hd, well cem, patchy dk brn dead oil stn, musty odor, no flsn, strs oilshale, aa
4293 - 4294 - Sltst, m gr, hd
4294 - 4300 - Ss, aa.
4300 - 4304 - Sltst, lt gr, hd
4304 - 4307 - Ss, f/m gr, sr, well sort, musty odor, wet, NSOF
4307 - 4309 - Sltst, aa; wi occ strs ss, aa
4309 - 4315 - Ss, aa, w/rare spotty oil stn, dull brn flsn where stn grades to sltst, aa
4315 - 4319 - Ss, aa; except m/crs gr, fair sort, permeable, wet, NSOF
4319 - 4321 - Sltst, aa;
4321 - 4324 - Ss, lt gr, vfg, hd, well cem, ti; grades to ss, f/m gr, s/r, fair sort, wet perm, NSOF
4324 - 4327 - Sh, bl gr, hd
4327 - 4330 - Sltst, lt gr, hd, strs sh, aa;
4330 - 4333½ - Ss, mg, sr, well sort, perm, wet, rare dead oil stn, musty odor, no flsn, strs sh & sltst in top & bottom
4333½ - 4340 - Sltst, aa; bcm strs ss, aa
4340 - 4341 - Sh, bl-gr, hd
4341 - 4346 - Ss, lt gr, f/vfg, fair sort, hd, well cem, NSOF, musty odor
4346 - 4351 - Ss aa, bcm f/m gr, wet, permeable, NSOF

Core #8 - 4351 - 4441', Rec 90'

4351 - 4354 - Ss, gr-blk, f/vfg, sr, spot lmy cem, hd, dead brn-blk oil stn, dead oil odor, dull dk brn flsn
4354 - 4359 - Sltst, vcl, lt/dk gr, v hd, str ls, str ss, w/dk dead oil stn, str clystn
4359 - 4362 - Ss, gr/dk gr, fg, v hd, well cem, str blk dead oil stn oil, dull brn flsn
4362 - 4376 - Sltst, aa
4376 - 4379 - Ss, gr, fg, sr, well sort, NSOF
4379 - 4388 - Sltst, aa; sampled ss str
4388 - 4402 - Sltstn, bcm chlky, pred clystn
4402 - 4406 - Ss, tn-lt gr, fg, m hd, sl fri, NSOF
4406 - 4420 - Sltst, gr-grn, vcl, hd, chlky, fw str ls,
4420 - 4428 - Ss, tn-gr, fg, sr, fair sort, musty sour odor, NSF
4428 - 4436 - Sltst, gr-lt grn, hd
4436 - 4437 - Ss, gr, fg, m hd, sr, well sort, NSOF
4437 - 4441 - Sltst, gr-grn, cly

WELL NO: 43-14A (#54) PROPERTY: Section 14A RED WASH FIELD

Core #9 - 4441 - 4526', Rec 85'

4441 - 4448 - Sltst, gr, v hd, dns, str oil stn ss, str gr clystn
4448 - 4452 - Ss, gr, fg, sr, fair sort, hd, slty, str black dead oil stn. Str have dull brn flsn
4452 - 4465 - Sltst, gr-grn, dns, v hd,
4465 - 4472 - Sltst, bcm stn dol & ls
4472 - 4478 - Sltst, gr grn, v hd, dns
4478 - 4482 - Ss, gr, fg, sr, slty, dns, lmy, NSOF
4482 - 4490 - Sltst, gr-dns, v hd, fw str ss, where sampled ss has fw oil stns & musty sour odor
4490 - 4494 - 25" ss, dns, v hd, str oil stn
4494 - 4501 - 6" Ss, f-mg, str oil stn, sour odor,
4501 - 4506 - 7" ss, gr, ti, mg, well cem, dolic, abd osts
4506 - 4512 - 15" Ss, aa,
4512 - 4517 - Ss, sweet musty odor, fg, rare tn stn, fg, sr, well sort, purple flsn
4517 - 4526 - Sltst, gr, v hd, dns, str lmy,

Core #10 - 4526 - 4616', Rec 90'

4526 - 4529 - Sltst, gr, v hd, str clystn, lmy
4529 - 4532 - Ss, fg, poor sort, cgl, ti, well cem, lmy, abd osts
4532 - 4539 - Sltst, dk gr, v hd, dns
4539 - 4542 - Ss, gr-tn, vfg, sr, well sort, fw spots gld flsn, str ti lmy,
4542 - 4544 - Ss, aa, increased gold brn flsn
4544 - 4546 - Ss, aa, str sltst,
4546 - 4549 - Ss, vfg, brn, blotchy brn oil stn, fnt pet odor, dull brn flsn
4549 - 4559 - Ss, mg, tn-dk gr, blotchy oil stn, bcm less below. No odor. Purplish flsn.
4559 - 4563 - Sltst, gr, v hd, dns, lmy
4563 - 4565 - 6" ss, fg, blotchy oil stn, musty sulphur odor
4565 - 4568 - Ss, brn-gr, vcl, vfg, blotchy oil stn in perm portion, dull brn flsn, pred ti
4568 - 4575 - Sltst, gr, v hd, dns, lmy
4575 - 4591 - Ss, gr, vfg, dns, scat ost, possible tn stn, brn-purple flsn, dull fnt musty sulphur odor
4591 - 4595 - Ss, aa, bcm pred dol, with abd ost
4595 - 4598 - Sltst, gr, v hd
4598 - 4602 - Sltst, gr, calc w/abd osts
4602 - 4606 - Sltst, gr, v hd
4606 - 4611 - Ss, gr-brn, f/mg, m hd, evn brn oil stn, gld brn flsn, sr, poor sort, sour carbide odor
4611 - 4616 - Sltst, gr, v hd, str ls

Core #11 - 4616 - 4704', Rec 88'

4616 - 4628 - Ss, lt gr, fg, sr, well sort, cln, well cem, diff fria, perm wet, NSOF
bcm ss aa, except vfg, ti, thi dk sh inlams, f/coarsely reworked
Ss aa, minus sh inlams, vfg, ti slty
Ss aa, bcm perm
4628 - 4639 - Sltst, lt gr wi strs m gr
4639 - 4646 - Ss, lt gr, vfg, r, well sort, hd, well cem, wet, NSOF
bcm m g, good perm

WELL NO: 43-14A (#54) PROPERTY: Section 14A RED WASH FIELD

Core #11 (cont'd)

4646 - 4647 - 1' Sltst, aa;
4648 - 4664 - bcm occ patchy dead oil stn, no odor or flsn,
4664 - 4680 - Sltst, lt gr, hd
1' ss, aa
ss, aa
Sltst, bl gr, v hd, dns
4680 - 4692 - Ss, m gr, fg, r, v well sort, v clean, hd, well cem, dif fri, perm, wet, NSOF
4692 - 4698 - Sltst, aa,
4698 - 4699 - 1' ss, aa, vfg, ti, NSOF
4701 - 4704 - Ss, aa, vfg, sr, v well sort, clean

January 25, 1957

SLM @ 4704' - No correction. Added 55 bbls oil to mud system.

Core #12 - 4704 - 4793', Rec 89'

4704 - 4712 - Ss, lt gr, fg, sr, well sort, hd, well cem, cln, wet, NSOF
4712 - 4714 - Sltst, lt gr, hd, sulfur odor, thi dk sh strs
4714 - 4718 - Ss, aa, wet, NSOF
4718 - 4719 - Sltst, m gr, hd
4719 - 4725 - Ss, aa, wet, NSOF
4725 - 4738 - Ss, aa, bcm finer grained & tighter, strs bl-gr sltst bcm pred sltst
4738 - 4739 - Ss, lt gr, fg, sa/sr, fair sort, well cem, dk brn patchy dead oil stn,
4739 - 4749 - bcm ss, aa, minus oil stn, NSOF, grain size increases downward. bcms crse g in bottom
4749 - 4751 - Sh, dk gr, hd, irreg frac
4751 - 4751½ - Ss, vfg, lt gr, sr, well sort, hd, well cem, fair perm, wet, NSOF
4751½ - 4752½ - Sh, aa, wi strs lt gr sltst,
4752½ - 4760 - Ss, lt gr, vfg, well sort, r, hd, well cem, diff fri, v rare patchy dead oil stn, wet, generally NSOF
4760 - 4778 - Ss, aa, except sl coarser grains; bcm vfg wi thi reworked dolic inlams
4778 - 4784 - Sltst, lt gr, hd, wi strs bl gr sh
4784 - 4787 - Sh, bl gr, hd
4787 - 4793 - Sltst, lt gr, hd, dns, strs sh, aa,

Core #13 - 4793 - 4881', Rec. 88'

4793 - 4801 - Sltst, dk gr, hd, dk sh inlams
4801 - 4804 - Ss, lt gr wi spotty tn oil stn, fg, sa/sr, fair sort, hd, well cem, fnt odor, gld flsn
4804 - 4810 - Sltst, dk gr, hd
4810 - 4815 - Ss, vfg, sr, well sort, spotty lt brn oil stn, sh strs & patches & dol lumps, fnt odor, dull gld flsn
4815 - 4816 - Sltst, lt gr, hd
4816 - 4819 - Ss, aa, spotty oil stn, strs sltst, aa,
4819 - 4821 - Sltst, aa,
4821 - 4822 - Oolite, dk gr, m g, hd, dns, com osts, NSOF
4822 - 4826 - Ss, fg, gr-brn, hd, well cem, com osts & ools, NSOF

Core #13 (cont'd)

4826 - 4827 - Sltst, dk gr, hd,
4827 - 4834 - Ss, lt gr, vfg, sr, well sort, clean, sugary, wet, NSOF
4834 - 4836 - Ost coq, m gr, mg, blk & tn osts & ools
4836 - 4838 - Limestone, gr wi tn strs, abd osts & ools
4838 - 4840 - Oolite, dk gr wi tn strs, vfg, abd osts
4840 - 4849½ - Ss, lt gr, fg, sr, fair sort, hd, well cem, wet, NSOF
4849½ - 4851 - Limestone, calcite & dolomite grand tan, large fol filled oolite casts porous, NSOF
4851 - 4852 - bcm fg oolite, abd osts
4852 - 4867 - Ss, aa, NSOF; bcm fg, oolite, abd osts; ss, aa, NSOF
4867 - 4876 - Sltst, dk gr, hd,
4876 - 4881 - No recovery

Core #14 - 4881 - 4945', Rec 64'

4881 - 4894 - Ss, gr-tan, fg, sr, abd blk sph, purple flsn, no odor or stn; ss, aa, but no blk sph
4894 - 4897 - Sltst, gr, v hd, str sh, lmy
4897 - 4900 - Sh, gr, slty
4900 - 4913 - Ss, gr, fg, cgl, sr, patchy oolite, well cem; ss, gr, fg, sr, well cem, bcm slty, ti
4913 - 4942 - Sltst, lt gr, str lmstn; sltst, aa, bcm str oil sh, stn in fracs, bri yel flsn, str lmstn;
4942 - 4945 - Oil sh, dk brn, dk brn flsn, v hd

Core #15 - 4945 - 5035', Rec. 90'

4945 - 4959 - Sh, dk gr-brn, hd, few str sltst, gr;
4959 - 4964 - Ss, dk gr, fg, sr, NSOF
4964 - 4977 - Sltst, gr, hd, shly, irreg fracs
4977 - 4983 - Sltst, bcms lmy, v hd
4983 - 4990 - Ss, gr, fg, sr, NSOF
4990 - 4995 - Sltst, gr, v hd, str shale & ss
4995 - 5000 - 10" Ss, lt gr, vfg, v hd, ti
5000 - 5001 - Ss, lt gr, vfg, v hd, ti
5003 - 5006 - Ss, lt gr, vfg, dns, ti, NSOF
5006 - 5014 - Sltst, dk gr, shly, v hd, irreg fracs
5014 - 5015 - 10" Ss, lt gr, vfg, v hd, ti,
5022 - 5030 - Sh, gr-brn, hd, slty, irreg fracs
5030 - 5035 - Ss, gr, v hd, dns, ti, calc, NSOF

Core #16 - 5035 - 5093', Rec. 58'

5035 - 5040 - Ss, gr, vfg, perm, wet, hd, NSOF, str sh
5040 - 5043 - Ss, aa, bcm patchy brn stn & patchy brn flsn, str sltst & sh
5043 - 5045 - Ss, gr, fg, hd, str sh & sltst, NSOF
5045 - 5051 - Sltst, gr, hd, dns, str sh & ss, lmy
5051 - 5052 - Ss, dk gr, fg, NSOF
5052 - 5059 - Ss, gr, fg, slty, str sh, few patchy brn stns, calc
5059 - 5061 - Sltst, gr, hd, lmy, str gr sh, mott app
5061 - 5063 - Ss, gr, vfg, v hd, NSOF
5063 - 5073 - Sltst, vcl, gr/lt gr lmy str lmstn, str gr sh, irreg fracs

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Core #16 (cont'd)

5073 - 5079 - Sh, gr grn, hd, irreg fracs
5079 - 5093 - No recovery

Core #17 - 5093 - 5127', Rec. 34'

5093 - 5099 - Sh, dk gr brn, hd, irreg fracs, str sltst, gr, v hd
5099 - 5101 - Sltst, lt gr, v hd, irreg fracs
5101 - 5105 - Sh, dk gr brn, mott app, str lt gr sltst, reworked, hd, irreg fracs
5105 - 5111 - Sltst, dk gr, str dk gr sh, hd, mott app
5111 - 5114 - Ss, lt gr, mg, slty, scat pebs to 1/4"
5114 - 5117 - Sltst, gr, hd, mott app, str gr-grn sh
5117 - 5119 - Ss, gr, fg, sr, NSOF
5119 - 5123 - Sltst, aa
5123 - 5126 - Ss, gr, f/mg, sr, patchy pet stn & bri brn flsn, str sh, reworked, mott app
5126 - 5127 - No recovery

Core #18 - 5127 - 5209', Rec. 82'

5127 - 5130 - Ss, lt gr, fg, sr, NSOF, slty, str sltst,
5130 - 5132 - Sltst, dk gr, hd, shly
5132 - 5134 - Ss, gr brn, fg, sr, evn brn oil stn, good pet odor, bri yel flsn
5134 - 5135 - Ss, bcm gr, fg, sr, spot flsn & stn
5135 - 5141 - Ss, gr, fg, sr, str gr clystn, str gr sltst, NSOF
5141 - 5143 - Sltst, gr, hd, str sh, mott app
5143 - 5151 - Ss, gr-dk gr, mg, NSOF, sr, ss, aa, bcm fg
5151 - 5153 - Sltst, gr, mott app, str brn-gr clystn
5153 - 5155 - Ss, gr, fg, sr, NSOF, str sltst & sh
5155 - 5158 - Sltst, gr, hd
5158 - 5159 - Ost coq, ti, NSOF
5159 - 5162 - Ss, gr, fg, sr, hd, NSOF
5162 - 5174 - Sltst, gr-tn dol, v hd, lmy, patchy gr clystn, str sh to 10"
5174 - 5180 - Ss, lt gr, mg, sr, NSOF, fri
5180 - 5182 - Sltst, gr, v hd, chky
5182 - 5193 - Sh, dk gr, btl str sltst
5193 - 5204 - Sltst, gr, v hd, str ti ss, str sh, dk gr
5204 - 5207 - Sh, dk gr, btl, irreg fracs, str sltst, aa,
5207 - 5209 - No recovery

Core #19 - 5209 - 5257', Rec. 48'

5209 - 5224 - Ss, dk gr, f/mg, sr, calc, NSOF, str gr brn sh, str lt gr sltst, scat ost, scat carb incl; ss, aa, bcm mg, abd ost
5224 - 5230 - Sltst, lt gr, v hd, str dk gr sh, mott app
5230 - 5234 - Ss, lt gr, m/c g, sr, v perm, well sort, NSOF
5234 - 5248 - Sltst, lt gr, v hd, str dk gr sh, mott app
5248 - 5257 - No recovery

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Core #20 - 5257 - 5327', Rec. 70'

5257 - 5260 - Ss, gr, fg, sr, abd osts, calc, hd, NSOF
5260 - 5261½ - Ss, aa, bcm nearly ost coq, str lt gr sltst & dk gr sh
5261½ - 5262½ - Sltst, lt gr , v hd, abd ost, str gr sh
5262½ - 5267 - Ss, dk brn, mg, sr, sl fri, evn dk brn oil stn, dead pet odor, dull brnsh purple flsn, str lt gr ss, mg, perm, sr, (oil bypassed) ss, aa, bcm abd osts
5267 - 5268 - Sh, dk gr,; ss, aa, but less oil stn
5268 - 5274 - Sltst, gr, v hd, lmy, abd osts, str tn dk gr sh, mott app
5274 - 5278 - Ss, gr-tn, vcl, mg, sr, spot dk brn pet stn, dull brnsh purple flsn
5278 - 5292 - Ss, lt gr, fg, sr, NSOF, str sltst, lt gr, lmy, st sh, dk gr
5292 - 5298 - Sltst, tn, gr, v hd, lmy, fw th str dk gr sh, mott app
5298 - 5301 - Sh, dk gr, m hd, btl, irreg fracs
5301 - 5307 - Ss, brn, fg, sr, evn oil stn, bri yel flsn, lmy, hd, strong pet odor, spot lt gr sltst; ss, lt gr, vfg, spot brn stn, v lmy, ti, str sh,
5307 - 5311 - Sltst, gr, lmy, v hd, st gr sh; 8" ost coq, NSOF
5311 - 5312 - Oolite, dk gr, abd ost, NSOF
5312 - 5315 - Sltst, lt gr, v hd, lmy, str lmstn,
5315 - 5323 - Sh, dk gr, hd, m btl, irreg fracs
5323 - 5325 - Ss, f/m g, lt gr, v hd, str gr sh, str lt gr sltst, fw th str yel flsn, no odor
5325 - 5327 - No recovery

Core #21 - 5327 - 5394', Rec. 67'

5327 - 5329 - Ss, gr, fg, sr, NSOF
5329 - 5336 - Ss, aa, bcm str dk gr sh
5336 - 5345 - Sltst, lt gr, lmy, v hd, fw str dk gr sh
5345 - 5348 - Ss, gr tn, vfg/fg, calc, ti, dk brn blotchy dead oil stn, no pet flsn,
5348 - 5351 - Sltst, gr, lmy
5351 - 5361 - Sh, gr, btl, str sltst aa, mott app, str ss, gr w/spot brn oil stn, spot dull gold flsn
5361 - 5365 - Ss, gr-brn, vf/fg, dk brn stn, where fg,brn flsn where stn, good pet odor,
5365 - 5373 - Sh, dk gr, btl, str sltst
5373 - 5382 - Oolite, dk gr, calc,matrix, v hd, ti, str gr sh, abd tn ost,
5382 - 5385 - Ss, tn, vfg, evn tn oil stn, musty pet odor, yel flsn, sr, ti, str gr sh
5385 - 5393½ - Ss, aa, bcm sl fri, perm, str sltst, str sh
5393½ - 5394 - Ss, aa, bcm greater amt str sh & str sltst

February 8, 1957

DST #1 - HFT test of interval 5260 - 5271'.
Ran HFT on 4½" FH DP and 266' of 6 3/4" DC. Howco jars & safety jt. Packers at 5255, 5260 and 5271'. Sidewall anchor tool at 5286'. Valve open 1½ hrs. Faint blow throughout test. Closed in 30 min. Rec 645' watery mud grading to muddy water at tools. Few specks high pour pt oil on top.

	IH	IF	FF	CP	FH
Top	2610	40	275	1955	2610
Middle	2610	20	305	1950	2525

WELL NO: 43-14A (#54) PROPERTY: Section 14A RED WASH FIELD

Core #22 - 5394 - 5477', Rec. 83'

5394 - 5402 - Ss, lt gr, vfg, slty, hd, well cem, ti, NSOF, abd strs dk reworked sh
5402 - 5404 - Sh, dk gr, m hd
5404 - 5405 - Sltst, m gr, hd
5405 - 5407½ - Ss, v lt gr, vfg, slty, hd, well cem, ti, NSOF
5407½ - 5427 - Sltst, & sh, sltst-lt gr, hd, sh-dk gr, m hd, poker chipped
5427 - 5439½ - Oolite, tn, vfg, hd, ti, well cem, com osts,
5439½-5477 - Sltst & sh, sltst- m gr, hd; sh - dk gr, m hd

February 10, 1957

DST #2 - HFT of interval 5371 - 5394'.
Packers @ 5364, 5371 and 5394'. Tool open 2 hrs, SI 30 min. Ran Howco tester on 4½" dp and 266' 6 3/4" dc's using Howco jars and safety jt and sidewall anchor tool. Weak initial blow decreasing to near dead at end of test. Rec 120' total rise of normal drlg fluid cut heavily with black oil. Filtrate tested 380 ppm Cl 10m.

	IH	IF	FF	SI	FH
Top chart	2625	25	90	425	2560
Middle chart	2645	35	85	365	2600
Bottom chart	2875	Packer held o.k.			2600

Core #23 - 5477 - 5521', Rec. 44'

5477 - 5484 - Ss, lt gr, fg, sr, well sort, wet, NSOF; ss, aa, wi strs sltst & sh
5484 - 5502 - Sltst & sh, sltst lt gr, hd; sh dk gr, m hd
5502 - 5504 - Ss, lt gr-tn, fg, sr, fair sort, hd, well cem, looks wet, NSOF
5504 - 5516 - Sltst & sh, aa; coarsely reworked
5516 - 5519 - Ss, lt gr, vfg, v slty, well cem, ti, NSOF, strs dk sh, coarsely reworked
5519 - 5521 - Not recovered

Core #24 - 5521 - 5606', Rec. 85'

5521 - 5526 - Sh, gr-brn, m hd, btl, str sltst, lmy, lt gr, sh has brn-purple flsn,
5526 - 5531 - Sltst, lt gr, v hd, lmy, str sh aa, sl mott app
5531 - 5535 - Ss, lt gr, vfg, v hd, str sh, lmy, ti, NSOF, fw oil stns
5535 - 5537 - Sltst aa, v lmy
5537 - 5540 - Ss, lt gr-tn, vfg, sr, spot lt brn stn, spot gold-brn flsn, fnt sweet pet odor
5540 - 5543 - 8" sltst, aa; ss, lt gr/lt brn, fg, sa, brn pet stn, gld-brn flsn
5543 - 5544 - Sh, dk gr, hd, btl
5544 - 5548 - Lmstn, gr, hd, slty
5548 - 5549 - Ss, lt gr, brn fg, evn brn stn, good pet odor, dull gld flsn
5549 - 5551 - Sltst, lt gr, hd, str sh
5551 - 5567 - Ss, fg, lt tn-gr, v calc, sa, ti, NSOF, pred fw spots oil stn; ss, aa, bcm less calc, perm; ss, aa, bcm spot oil stn & brn-gld flsn, mild pet odor; ss, aa, bcm even brn stn & brn-gld flsn; ss, gr, dns, ti, NSOF; ss, lt brn, fg, sl fri, good even brn stn, evn gld flsn, sweet pet odor, ss, gr, fg, fw spot oil stn, spot gld-brn flsn, sr; ss, bcm NSOF; ss, lt gr, fg, sr, str gr sh, mott app, ti, lmy; ss, brn, vfg, evn brn stn & brn purple flsn, sl pet odor

WELL NO: 43-14A (#54) PROPERTY: Section 14A RED WASH FIELD

Core #24 (cont'd)

5567 - 5570 - Sltst, gr, v hd, lmy, str gr brn sh, mott app
5570 - 5576 - Sh, dk gr, hd, btl
5576 - 5589 - Sltst, gr, v hd, lmy, str dk gr sh
5589 - 5590 - Ss, lt gr, calc, badly broken, possibly perm
5590 - 5593 - Sltst, aa,
5593 - 5595 - Sh, dk gr, btl, fw str gr sltst,
5595 - 5597 - Sltst, lt gr, hd, lmy
5597 - 5600 - Ss, brn, mg, sa, evn brn oil stn, good pet odor, dull orange flsn
5600 - 5606 - Ss, gr, fg, sr, NSOF, str gr brn sh, str sltst, lmy

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Core #25 - 5606 - 5688', Rec. 82'

5606 - 5608 - Ss, gr, fg, clean, sr, NSOF
5608 - 5618 - Sltst, gr, chky, v lmy, str ss, ti, vfg, gr, str sh, gr,
5618 - 5620 - Ss, lt brn, fg, sr, evn brn oil stn, good pet odor, yel flsn
5620 - 5621 - Ss, gr, fg, sr, spot brn stn, spot yel flsn,
5621 - 5626 - Sltst, gr, v lmy, str dk gr sh
5626 - 5629 - Ss, lt brn, fg, sr, evn brn stn, good pet odor, yel flsn
5629 - 5640 - Sltst, aa,
5640 - 5645 - Ss, lt gr/tn, fg, calc, slty, abd str sltst & sh, good pet odor, yel flsn, spot brn oil stn, app wet
5645 - 5651 - Sltst, aa
5651 - 5654 - Sh, dk gr, btl, irreg fracs
5654 - 5657 - Sh, gr brn, btl, irreg fracs
5657 - 5660 - Sltst, aa,
5660 - 5665 - Sh, dk gr, btl, str sltst, lt gr, v lmy,
5665 - 5669 - Sltst, aa,
5669 - 5671 - Sh, dk gr brn, btl
5671 - 5672 - Sltst, gr, v hd,
5672 - 5686 - Sh, dk gr, btl, irreg fracs, str sltst, lmy
5686 - 5688 - Ss, lt gr/brn, vfg, ti, spot oil stn, good pet odor, dk brn flsn

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February 15, 1957

DST #3 - HFT of interval 5593 - 5599'.
Ran HFT on 4½" DP and 266' of 6 3/4" DC. Howco jars and safety joint. Packer at 5587, 5593 and 5599'. Sidewall anchor tool at 5605'. Valve open 2 hrs. Mild blow 30 min, decreased to weak balance of test. Rec 2100' water. Bottom chart indicates bottom packer held o.k. Water tested 7000 ppm Cl 10n.

	IH	IF	FF	SI	FH
Middle	2715	50	925	2055	2635
Bottom	2720	70	945	2065	2670

Core #26 - 5688 - 5777', Rec. 89'

5688 - 5691 - Sltst, lt gr/gr, hd, irreg fracs, str gr brn sh; 4" ss, brn, fg, abd ost, good evn pet stn, good odor, brn flsn
5691 - 5697 - Sh, gr brn/gr, m hd, str lt gr sltst
5697 - 5702 - Sltst, gr, v hd, str gr brn sh
5702 - 5706 - Ss, gr/brn, mg, spot dk brn oil stn, fnt pet odor, spot brn flsn, sa,
5706 - 5713 - Ss, gr, fg, sa, NSO, spec yel flsn, decreasing towards center of core,

Core #26 (cont'd)

5713 - 5714 - Sltst, gr, v lmy, v hd,
5714 - 5719 - Ss, gr, fg, sa, fw spec yel flsn
5719 - 5720 - Sltst, gr, lmy, v hd
5720 - 5729 - Ss, gr, fg, sr, NSOF
5729 - 5732 - Sltst, lt gr, str brn-gr sh, mott app, v hd,
5732 - 5733 - Ss, gr, tn, fg, sr, NSOF
5733 - 5745 - Sltst, lt gr, calc, v hd,
5745 - 5751 - Sh, dk gr, btl, lmy
5751 - 5752 - Sh, red brn, grn, vcl, first reds
5752 - 5773 - Sltst, dk gr, shly, hd/v hd, stn gr sh
5773 - 5777 - Sh, red brn, vcl, crumbles

February 17, 1957

DST #4 - HFT of interval 5614 - 5632'.
Ran HFT on dry 4½" DP and 266' of 6 3/4" DC. Howco jars and safety jt. Packers at 5608, 5614 and 5632'. Sidewall anchor at 5637'. Tool open 2½ hrs. Weak steady blow throughout test. No gas to surface. Rec 125' rise, incl 35' high pour pt oil, 30° gravity, 102° F pour pt. 90' oily watery mud filtrate tested 530 ppm Cl^-. Bottom chart indicates bottom pkr held o.k.

IH	IF	FF	SI	FH
2737	25	75	240	2710

Core #27 - 5779 - 5869', Rec. 90'

5779 - 5781 - Sltst, gr-grn
5781 - 5785 - Ss, lt gr grn, vfg, chky, lmy, ti, NSOF
5785 - 5787 - Sltst, lt gr, m hd, chky
5787 - 5790 - Sltst, gr, lmy, hd, shly
5790 - 5794 - Sltst, gr grn, chky
5794 - 5796 - Sh, gr-grn, sks
5796 - 5800 - Sltst, gr, lmy, irreg fracs, m hd
5800 - 5811 - Ss, gr, fg, sa, NSOF
5811 - 5812 - Sltst, lt gr, v hd,
5812 - 5813 - Ss, lt gr, fg, blotchy stn, spot purplish brn flsn, fnt pet odor
5813 - 5818 - Sltst, gr, hd; sltst, grn-gr, lmy, hd, str sh, str fg ss, NSOF
5818 - 5822 - Ss, tn-gr, fg, sa, fw spot pet stn near top, spot brn-purple flsn
5822 - 5833 - Ss, gr-grn, fg, sa, NSOF; ss, aa, bcms tn-gr col; ss, gr-brn, fg, abd ost
5833 - 5836 - Sltst, gr, v lmy, v hd,
5836 - 5838 - Ss, gr, vfg, spot brn oil stn, good pet odor, yel brn flsn, v ti
5838 - 5846 - Sh, dk gr, slty, hd, btl
5846 - 5849 - Ss, brn, fg, evn brn stn, dull tn flsn, sr, good pet odor
5849 - 5850 - Ss, gr-grn, fg, spot brn stn, spot tn flsn, app wet, fnt pet odor
5850 - 5852 - Ss, gr tn, fg, sr, NSOF
5852 - 5857 - Sltst, gr, chky, lmy; 6" ss, gr, fg, NSOF;
5857 - 5858 - Ss, gr, fg, dns, ti
5858 - 5860 - Sltst, gr, sdy, ti
5860 - 5868 - Ss, fg, sr, spec yel flsn; slst, gr, str gr sh, mott app; slt gr, tn, fg, specs tn flsn; slst, lt gr grn, v lmy, hd,
5868 - 5869 - No recovery

WELL NO: 43-14A (#54) PROPERTY: Section 14A RED WASH FIELD

Core #28 - 5869 - 5959', Rec. 90'

5869 - 5872 - Ost, sub coq, hd, ti, NSOF
5872 - 5881 - Sltst, gr/dk gr, shly, m hd, v lmy, fw str gr grn sh
5881 - 5887 - Ss, gr tn, fg, calc, ti, sa, slty, NSOF
5887 - 5893 - Ss, aa, bcm less calc
5893 - 5894 - Sltst, dk gr, v hd
5894 - 5898 - Ss, lt gr, vfg, ti, NSOF; Sltst, aa; ss, lt gr, f/vfg, ti, NSOF
5898 - 5902 - Sltst, gr, lmy, hd, str wfg ss, str gr sh
5902 - 5909 - Ss, lt gr, vfg, sr, NSOF
5909 - 5911 - Sltst, dk gr, v lmy, v hd, str ss, vfg, ti, str sh, gr
5911 - 5914 - Ss, gr, vfg, ti, NSOF
5914 - 5928 - Sltst, gr, lmy, v hd
5928 - 5932 - Sh, gr-red-brn, v cl, broken
5932 - 5941 - Sltst, gr, sdy, calc
5941 - 5944 - Ss, lt gr, vfg, chky, calc, ti, NSOF
5944 - 5951 - Sltst, gr, v lmy, v hd
5951 - 5959 - Sltst aa, bcm gr, col w/str gr sh

Core #29 - 5959 - 6049', Rec. 90'

5959 - 5962 - Ss, gr, v ti, vfg, NSOF
5962 - 5965 - Ss, gr, vf/fg, fw ost, NSOF
5965 - 5966 - Sltst, dk gr, lmy, v hd
5966 - 5967 - Ss, lt gr, mg, sr, v perm, NSOF, fri
5967 - 5968 - Sltst, lt gr/gr, lmy, hd, str gr sh
5968 - 5973 - Ss, lt gr, tn, mg, sa, v perm, NSOF
5973 - 5977 - Sltst, gr, lmy, v hd, str gr sh
5977 - 5986 - Ss, gr, fg, sa, NSOF; ss & sltst aa;
5986 - 5987 - Sltst, lt gr, v lmy, hd
5987 - 5991 - Ss, lt gr, vfg, well sort, NSOF
5991 - 6000 - Sh, dk gr, btl, m hd
6000 - 6003 - Ss, lt gr, tn, vfg, lmy, v hd, NSOF; ss, dk gr, vfg, v calc, ti, NSOF,
6003 - 6005 - Sh, gr, m hd
6005 - 6008 - Ost coq, v ti, v hd, str gr sh
6008 - 6010 - Ss, lt gr, vfg, NSOF, str lt gr, lmy sltst
6010 - 6011 - Sltst, aa,
6011 - 6013 - Ss, aa
6013 - 6022 - Sltst, aa; sltst, dk gr, lmy, v hd, str gr sh, str lt gr sltst
6022 - 6028 - Ss, lt gr, mg, sa, fw str yel flsn, str sltst, no odor, fnt str oil stn,
6028 - 6039 - Sltst, gr grn, v hd,
6039 - 6041 - Ss, lt gr/brn, fg, sa, blotchy oil stn, strong carbide pet odor, lt brn flsn,
6041 - 6044 - Sltst, lt gr tn, v hd, v lmy, sl sdy
6044 - 6049 - Ss, lt tn, vfg, dol, abd ost, blotchy oil stn, brn flsn, m carbide odor, pred ti

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Core #30 - 6049 - 6114', Rec. 65'

6049 - 6052 - Ss, lt gr, mg, sa/sr, fair sort, hd, well cem, abd ools, perm, wet, NSOF
6052 - 6054 - Ss, lt gr, vfg, slty, hd, well cem, ti, NSOF

Core #30 (cont'd)

6054 - 6063 - Sltst, lt gr, hd
6063 - 6070 - Ss, lt gr, fg, v well sort, sr, clean, perm, wet, NSOF
6070 - 6073 - Sltst & sh, sltst lt gr, hd, aa; sh m gr, sft, crumbly
6073 - 6077 - Ss, aa,
6077 - 6080 - Sltst, aa; 4" oolite, dk gr, fg, dns, ti, NSOF, calcite mtrx; sltst aa;
6080 - 6086 - Sh, dk gr, m sft, irreg frac, strs sltst aa,
6086 - 6089 - Sh, dk gr & maroon, mottled, sft, crumbly
6089 - 6098 - Sltst, m gr, hd
6098 - 6104 - Sh, gr, & maroon aa, sft, crumbly
6104 - 6106 - Sltst, aa,
6106 - 6110 - Ss, lt gr, vfg, sr, fair sort, spotty lt brn stn, yel flsn in top 1', fair perm, wet
6110 - 6114 - No recovery

Core #31 - 6114 - 6169', Rec. 55'

6114 - 6118 - Ss, lt gr, fg, sa, fair sort, hd, well cem, fair perm, spotty lt brn oil stn in top 9", dull gld flsn, fair pet odor where stn'd
6118 - 6127 - Sltst, lt gr, hd, wi strs m gr sft, crumbly sh
6127 - 6130½ - Sh, dk gr, sft, crumbly, badly broken in bbl,
6130½ - 6132 - Ss, lt gr wi evn dk brn oil stn, fg, sr, v well sort, v clean, good por & perm, good pet odor, dull brn flsn
6132 - 6138 - Ss, aa, bcm spotty oil stn, bcm rare below 6133'
6138 - 6" oil stn ss, aa, good dk brn stn, good pet odor org-brn flsn
6138 - 6139 - Sltst, lt gr, hd,
6139 - 6143 - Ss, aa, wi NSOF
6143 - 6150 - Grades to sltst & sh, sltst lt gr, hd; sh dk gr-gr-grn, m sft-v sft & crumbly
6150 - 6154 - gr grn sh aa, wi maroon mottling, sft, crumbly
6154 - 6157 - Sltst, aa,
6157 - 6161 - Sh, gr-grn wi maroon mott, aa
6161 - 6166 - Sltst, aa, badly broken in bbl
6166 - 6169 - No recovery

Core #32 - 6169 - 6216', Rec. 47'

6169 - 6173 - Sltst, gr, v lmy, m hd, sdy
6173 - 6175 - Sh, gr, m hd, washed
6175 - 6181 - Sltst, aa,
6181 - 6182 - Sh, aa
6182 - 6190 - Sltst, aa,
6190 - 6192 - Sh, aa,
6192 - 6195 - Ss, fg, gr, spp perm, sa, fnt spot stn, spot yel flsn, m fri, no odor
6195 - 6202 - Ss, fg, brn, evn oil stn, strong carbide odor, sa, bri yel flsn, m fri
6202 - 6204 - Sh, gr grn, fw sks washed
6204 - 6207 - Ss, gr, cg, slty, ti, NSOF
6207 - 6215 - Sltst, dk gr, lmy, hd, fw str brn-purple sh
6215 - 6216 - lmstn, lt gr, v hd,

WELL NO: 43-14A (#54) PROPERTY: Section 14A RED WASH FIELD

February 26, 1957

DST #5 - JFT of interval 6195 - 6216'.
Ran JFT on dry 4½" DP & 266' of 6 3/4" DC. Bowen jars and Howco safety jt. Packers at 6195 and 6189'. Tail pipe to TD (6216') Tool open 2 hrs. Good blow decreased to mild in 15 min. Steady mild blow remainder of test. SI 30 min for build up. Rec 578'; top 50' oily gassy mud; balance muddy water testing 6100 ppm Cl⁻.

	IH	IF	FF	SI	FH
Top	3090	60	260	2245	3090
Bottom	3100	20	250	2225	3100

Core #33 - 6216 - 6292', Rec. 76'

6216 - 6217 - Lmstn, lt gr, hd
6217 - 6221 - Sltst, gr grn, w lmy, hd
6221 - 6225 - Sh, pred red brn purple, shly
6225 - 6233 - Sltst, dk gr, v lmy, hd
6233 - 6236 - Sltst, red brn, spot gr grn, m hd
6236 - 6239 - Sltst, gr grn, lmy
6239 - 6246 - Sh, red brn
6246 - 6253 - Sltst, gr, lmy, hd
6253 - 6257 - Sltst, bcms pred red brn
6257 - 6260 - Sltst, gr, v lmy, hd
6260 - 6265 - Sltst, gr, grn, shly
6265 - 6269 - Sltst, red brn, sltst, gr lmy
6269 - 6270 - Sh, red brn
6270 - 6277 - Sltst, gr grn, lmy, spot red brn, hd, btl
6277 - 6280 - Ss, lt gr, fg, v calc, ti, NSOF
6280 - 6286 - Sltst, gr, v lmy, str gr sh
6286 - 6292 - No recovery

February 28, 1957

Ran Schlumberger ES & Mircolog-caliper. Recorded intervals (ES) 6291 - 413', (Micro) 6289 - 2500'. Depths check with DF measurement.

March 1, 1957

Cemented 7" 23# casing at 5727' in two stages.
(Howco DV collar at 2685')

First stage: Howco mixed 200 sacks regular cement to 14 - 15.5 ppg slurry in 21 min. Displaced in 18 min with 115 bbl spacer and followed with DV opening plug and second stage. No circulation. Reciprocated casing. Top plug (rubber DV type).

Second stage: Mixed 100 sacks regular cement to 14 - 15.5 ppg slurry in 14 min. Displaced to close DV collar in 13 min with 1800 psi. Reciprocated casing until DV collar opened. Cement in place 11:37 A.M. 3-1-57.

WELL NO: 43-14A (#54) PROPERTY: Section 14A RED WASH FIELD

Casing Detail:

Bottom 12 jts.	or	513'	7" O.D. 23#, N-80, Rg 3, LT&C, 8rd casing. Included Baker guide shoe & Baker differential float collar 1 joint up. Centralizers 5' above shoe, 10' above float collar and on collars approx 5428 and 5342. Baker hinge lok scratchers spaced 6', approx 5657-5603 and 5385 - 5342.
Next 109 jts.	or	4466'	7" O.D. 23#, J-55, Rg 3, LT&C, 8 rd casing. Includes Howco DV collar at 2685 and cantralizer 2644'.
Top 18 jts.	or	775'	7", O.D. 23#, J-55, Rg 3, ST&C, 8 rd casing.
Total 139 jts.	or	5754'	
Above K.B.		27'	
Cemented at		5727'	

March 2, 1957

Casing Summary:
Landed 7" casing with 49½ tons tension 15' below K.B. leaving 5712' of casing cemented at 5727' (CP'D at 2685'). Cut and recovered 42' of 7" casing.

March 3, 1957

Encountered DV collar 2682'. Drld out cem 5548 - 5668'. Ran Gamma Ray collar log (McCullough). Recorded 5671 - 2350'. Showed DV collar 2681' casing measurement 2685' Ran temp log to record cem tops - unsuccessful - no gradient change.

McCullough perf'd 3 jets and 4 bullets per foot following intervals using collar reference:

Schlumberger	McCullough
5631 - 5625	5625 - 5619
5623 - 5616	5616 - 5609
5395 - 5380	5390 - 5375

March 4, 1957

S.O.S. #1 - Perf interval 5616 - 5623 and 5626 - 5631'. Broke down with burner fuel 3400 psi. Pumped in 25 bbl Rangely crude 3100 psi (in 4 min 6.2 bbl/min). Followed with 40 bbl sand oil mix 1 - 1½ ppg at 3100 psi - 9 min at 4.4 bbl/min. Displaced with 5 bbl burner fuel when perfs sanded. Max press 3800 psi. Calculated 11 bbl sand oil outside casing. Bridge plug (Baker retrievable) at 5635'. Baker full bore retrievable cementer at 5590'. Circulated out sand and retrieved bridge plug.

March 5, 1957

S.O.S. #2 - Perfs 5380 - 5395. Set Baker bridge plug retrievable at 5418'. Set Baker cementer 5355'. Broke down with burner fuel #5 - 10 BPM @ 3300 psi. Pumped in 500 gal mud acid w/M-38 - 1300 psi - 2 BPM. Pumped in 30 bbl Rangely crude - 3200 psi, 10 BPM.

WELL NO: 43-14A (#54) PROPERTY: Section 14A RED WASH FIELD

Set 10 min. Broke down with burner fuel - 3000 psi - 4.4 BPM. Pumped in 15 bbl sand oil 1/4# p/gal, 3050 psi in 3 min. Pumped in 15 bbl BF #5, ½#/gal 20-40 Ottawa sand, 3200 psi in 2 min. Pumped in 15 bbl 3/4#/gal in 3 min, 3250 psi. Pumped in 15 bbl 1#/gal, 3300 psi in 3 min. Displaced with 33 bbl burner fuel in 5 min. Total fluid pumped 164.5 bbl. Final pressure 900 psi. Dropped to 400 psi in one hour. Bled off until 1:00 P.M.

Landed 2 7/8" tubing.

Bottom	1 jt.	or	31'	2 7/8" UE, 6.5#, J-55, Rg 2 perforated stinger with orange peeled end. 8 rd T&C.
Next	178 jts.			2 7/8" UE, 6.5#, J-55, Rg 2, 8 rd T&C PSN (Axelson 2½ x 45) at 5573 below K.B. (top of 2nd jt).
Total	179 jts.	or	5625'	
Below K.B.			10'	
	Hung		5635'	

March 6, 1957

Rig released 6:00 A.M. March 6, 1957.

W. E. WHITNEY

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
U-0543

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.
Unit 436 (43-14)

10. FIELD AND POOL, OR WILDCAT
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 14, T7S, R22E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR
Chevron Oil Company, Western Division

3. ADDRESS OF OPERATOR
P. O. Box 455, Vernal, Utah

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1980' FSL and 660' FEL of Sec. 14, T7S, R22E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB - 5236

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)	
(Other) Recomplete in Uinta Gas Sands	X				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

It is proposed to recomplete subject well in Uinta Gas Sands as follows:

1. Set CIBP's on wireline at 3100' and 5500'. Cap CIBP at 3100' w/ 2 sacks cmt.
2. Mix and displace hole with 9.6 #/gal sodium chloride water.
3. Run GR-CBL-CL from ± 3100' to cement top. Recement as warranted.
4. Perforate interval 2597-2616' (U-54) with 2 jets/ft. Breakdown, swab and flow test zone. If rate is 1 MMCFD+, move off.
5. If rate is less than 1 MMCFD, perforate one or more of the following intervals dependent upon cement bond, etc: 2693-2696' - 2 jets/ft. 2763-2765' - 2 jets/ft.
6. Make temporary tie-in to test well before determining permanent production facilities.

Current Status: Shut-in September, 1958.

APPROVED BY DIVISION OF OIL & GAS CONSERVATION
DATE 2-11-70
BY Elmer Feight

18. I hereby certify that the foregoing is true and correct
Original Signed by R. W. PATTERSON
SIGNED R. W. PATTERSON TITLE Unit Superintendent

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS, SLC-3; OGCC, SLC-2; Gulf, Okla. City-1; Gulf, Casper-1; Caulkins-1; Humble, Denver-1; File-1

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: U-0569

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL ☐ GAS WELL ☐ OTHER Temporarily Suspended

7. UNIT AGREEMENT NAME: Red Wash

2. NAME OF OPERATOR: Chevron Oil Company, Western Division

8. FARM OR LEASE NAME:

3. ADDRESS OF OPERATOR: P. O. Box 455, Vernal, Utah 84078

9. WELL NO.: Unit #54 (43-14A)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1980' FSL and 660' FEL of Sec. 14, T7S, R22E

10. FIELD AND POOL, OR WILDCAT: Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 14, T7S, R22E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB - 5236'

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Recomplete in Uinta Gas Sands			X
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

The following work was completed on subject well as of 3-10-70:

1. Squeezed perfs 5380-95, 5616-23 and 5625-31' with 300 sacks 50/50 Pozmix.
2. Ran GR-CBL-CL logs. Perforated at 2597-2616' w/ 2 jets/ft. Acidized, brokedown and swabbed.
3. Perforated at 2693-96' and 2763-65' with 2 jets/ft. Acidized, brokedown and swabbed.
4. Perforated at 2994-98' w/ 2 jets/ft. Brokedown and swabbed.
5. Set CIBP at 2956' and cement retainer at 2656'. Squeezed perfs 2597-2616, 2693-96 and 2763-65' in 3 stages w/ 200 sacks 50/50 Pozmix.
6. Reperforated interval 2597-2616' w/ 2 jets/ft.
7. RIH with production string and swabbed well.
8. POOH and layed down production string.
9. Set CIBP at 2506' capped with 2 sacks cement.

Prior Production: Shut-in September, 1958.
Production After: Shut-in March, 1970.

18. I hereby certify that the foregoing is true and correct

Original Signed by R. W. PATTERSON

SIGNED R. W. PATTERSON TITLE Unit Superintendent DATE 9/17/70

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS, SLC-3; O&GCC, SLC-2; Gulf, Okla. City-1; Gulf, Casper-1; Caulkins-1; Humble, Denver-1; Well File-1

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☐ other Dry
2. NAME OF OPERATOR
Chevron U.S.A. Inc.
3. ADDRESS OF OPERATOR
P.O. Box 599, Denver, CO 80201
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1980' FSL and 660' FEL NESE
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-0569
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
Red Wash
8. FARM OR LEASE NAME
9. WELL NO.
54 (43-14A)
10. FIELD OR WILDCAT NAME
Red Wash
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 14, T7S, R22E
12. COUNTY OR PARISH
Uintah
13. STATE
Utah
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
KB 5236'

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	☐	☐
FRACTURE TREAT	☐	☐
SHOOT OR ACIDIZE	☐	☐
REPAIR WELL	☐	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☒	☐
(other)		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

It is proposed to plug and abandon RWU No. 54.

3 - BLM
2 - State
3 - Partners
1 - Field
a - LJT
1 - 724C
1 - File

RECEIVED
JUL 5 1984
DIVISION OF OIL
GAS & MINING

ACCEPTED
~~APPROVED~~ BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 7/6/84
BY: John R. Baza

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED A F Bush TITLE Engineering Asst. DATE June 29, 1984

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

RWU NO. 54(43-14A)
RED WASH/WEST AREA

Location

NE¼SE¼, Section 14, T7S, R22E
Uintah County, Utah

Depth

TD: 6292'
PBTD: 2506(CIBP)

Casing

7" 23#/ft, J-55 & N-80 @ 5727' (DV collar @ 2685')
10-3/4" 40.5#/ft, J-55 @ 413'

Initial Completion (3/57) Oil Well

Perfs: 5380-95, 5616-23, 5625-31 w/3 jets & 4 bullets per foot
Sand-oil squeezed perforations
IP - 10 BOPD

Workovers

Recomplete to Uinta gas sands (2/70)

Squeeze existing perfs
Perforate, test, & exclude perfs 2597-2616, 2693-96, 2763-65, 2994-98 (2 jpf)
Temporarily abandon well

Tubing

None in hole

RWU NO. 54(43-14A)
RED WASH/WEST AREA

Workover procedure

1. MIR and RU. Kill well if necessary.

2. ND wellhead. NU Chevron Class II-B BOPE and pressure test same.

3. PU 6-1/8" bit. RIH w/same to PBTD @2496'. Pressure test csg to 500 psi. Drill out cmt @2496', CIBP @2506', cmt, and CIBP @ 2956'. POOH w/bit.

4. PU 6-1/8" bit & 7" csg scraper. RIH w/same to 3200'. Est. Inj. rate into perfs 2497' to 2998' (gross interval) to make sure perfs are open. If perfs are open, POOH w/bit & scraper and go on to Step #5. If unable to pump into perfs, POOH w/bit & scraper. RIH w/pkr to isolate and break down perfs. POOH w/pkr.

5. Test annulus betw 7" & 10-3/4" csg to 500 psi. If pressure doesn't hold, notify supervisor for instruction on a top cmt job.

6. RIH w/mechanical set CICR and stinger. Set CICR @ 2475'. Est. inj. rate into perfs 2597-2998' (gross interval). Squeeze perfs per supervisor's instruction. Leave 5' cmt on top of CICR.

7. POOH laying down tbg. Set a cmt balance plug from 150 to 300'.

8. Finish POOH laying down tbg. Set a top plug w/10 sx of cmt. Cut-off csg head and place a four inch diameter P&A marker w/an orange-peeled top, that is not less than 10' in length, of which 4' should be above the ground level, the remainder being securely embedded in cmt. The following information should be written on the P&A marker:

Chevron U.S.A. Inc. Red Wash Unit #54(43-14A)
Sec. 14 T7S, Range 22E, NE¼SE¼ Uintah County, Utah
P&A Date; TD 6292'

3

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☐ other Dry
2. NAME OF OPERATOR: Chevron U.S.A. Inc.
3. ADDRESS OF OPERATOR: P. O. Box 599, Denver, CO 80201
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
   AT SURFACE: 1980' FSL & 660' FEL NESE
   AT TOP PROD. INTERVAL:
   AT TOTAL DEPTH:
5. LEASE: U-0569
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME: Red Wash
8. FARM OR LEASE NAME:
9. WELL NO.: 54 (43-14A)
10. FIELD OR WILDCAT NAME: Red Wash
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 14, T7S, R22E
12. COUNTY OR PARISH: Uintah
13. STATE: Utah
14. API NO.:
15. ELEVATIONS (SHOW DF, KDB, AND WD): KB 5236'

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	☐	☐
FRACTURE TREAT	☐	☐
SHOOT OR ACIDIZE	☐	☐
REPAIR WELL	☐	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☐	☒
(other)		

RECEIVED
SEP 10 1984
DIVISION OF OIL GAS & MINING

(Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well was plugged and abandoned on August 17, 1984 as follows:
(Work done August 13-17, 1984)

1) MIR & RU, ND well head. NU BOPE.
2) RIH w/bit, DOC and CIBP at 2506', drilled out CICR at 2650' and at 2956'. Cleaned out hole w/bit and casing scraper to 3200'.
3) Displaced hole with 9# mud.
4) RIH CICR and set at 2465'.
5) Pumped 300 sxs cmt into perfs 2597-2998'. Left ± 50' of cmt on top of CICR.
6) Tested 7" casing to 500 psi for 10 min. - held ok.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE Engineering Asst. DATE Sept. 6, 1984

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED ~~APPROVED~~ BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 9/11/84
BY: [signature]

*See Instructions on Reverse Side

RWU 54 (43-14A) Continued

7. Pumped 150 sxs neat cmt.
8. Set a 200' plug from 300-500' w/50 sxs H cmt.
9. Set a 25 sx plug at surface.
10. RD BOPE. Installed well head flange.
11. Installed "Dry Hole" marker.
12. Location to be restored.

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Dry

RECEIVED
OCT 1 1 1985
DIVISION OF OIL, GAS & MINING

2. NAME OF OPERATOR: Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR: P.O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1980' FSL & 660' FEL NESE

5. LEASE DESIGNATION AND SERIAL NO.: U-0569

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: Red Wash

8. FARM OR LEASE NAME:

9. WELL NO.: 54 (43-14A)

10. FIELD AND POOL, OR WILDCAT: Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 14, T7S, R22E

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB: 5236'

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Rehabilitate Location			X
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The wellsite has been rehabilitated and reseeded and may be inspected at your convenience.

3-BLM
2-STATE
1-RKW
3-SLI
1-LLK

18. I hereby certify that the foregoing is true and correct

SIGNED R.L. Kirkpatrick TITLE Permit Coordinator DATE October 8, 1985

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
U - 0569

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
RED WASH

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.
54 (43-14A)

2. Name of Operator
CHEVRON U.S.A. PRODUCTION CO.

9. API Well No.
43-047-15180

3. Address and Telephone No.
P.O. BOX 599, DENVER, CO. 80201 (303) 930-3691

10. Field and Pool, or Exploratory Area
RED WASH - GRN. RIVER

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1980 FSL
~~860 FNL~~, 660 FEL, SEC. 14, T7S, R22E

11. County or Parish, State
UINTAH, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other STATUS	[ ] Dispose Water
		(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

THIS WELL IS SHUT IN WHILE UPGRADING WELL TEST FACILITIES. WE WILL RE-EVALUATE STATUS AFTER WELL TEST FACILITIES UPGRADES HAVE BEEN COMPLETED.

3 - BLM
3 - STATE
1 - JTC
1 - WELL FILE
1 - JLW

RECEIVED
APR 15 1992
DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed [signature] Title PERMIT SPECIALIST Date 4/6/92

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
U - 0569

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
RED WASH

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.
54 (43-14A)

2. Name of Operator
CHEVRON U.S.A. PRODUCTION CO.

9. API Well No.
43-047-15180

3. Address and Telephone No.
P.O. BOX 599, DENVER, CO. 80201 (303) 930-3691

10. Field and Pool, or Exploratory Area
RED WASH - GRN. RIVER

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1980 FSL
~~660 FNL~~, 660 FEL, SEC. 14, T7S, R22E

11. County or Parish, State
UINTAH, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other STATUS	[ ] Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describ... give sul... ...l give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, ... zones pertinent to this work.)

THIS ... EST FAC 4:50pm. 6-1-92 ... R WELL TEST
FACI

3 - BLM
3 - STA
1 - JTC
1 - WEI
1 - JLV

OIL AND GAS
RJF
FRM
SLS
CHH
DTS
DME
MICROFILM
FILE

Two Different Zones
UINTA & GRV
JAN called back this Well is PA'D

Talked w/JAN
June 1st, 1992
Re: Shut-In status
Well is PA'D
Two different Zones

14. I hereby certify that the foregoing is true and correct
Signed J. Lewis Title PERMIT

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

MEMOGRAM

Date 6-5-92

To: Frank Matthews

From: J.A. Howard

Maybe these copies will help.

RECEIVED
JUN 10 1992
DIVISION OF
OIL GAS & MINING

GO-24-Long (D 11/0)

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☐ other Dry
2. NAME OF OPERATOR: Chevron U.S.A. Inc.
3. ADDRESS OF OPERATOR: P.O. Box 599, Denver, CO 80201
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
   AT SURFACE: 1980' FSL and 660' FEL NESE
   AT TOP PROD. INTERVAL:
   AT TOTAL DEPTH: 43-047-15180
5. LEASE: U-0569
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: –
7. UNIT AGREEMENT NAME: Red Wash
8. FARM OR LEASE NAME:
9. WELL NO.: 54 (43-14A)
10. FIELD OR WILDCAT NAME: Red Wash
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 14, T7S, R22E
12. COUNTY OR PARISH: Uintah
13. STATE: Utah
14. API NO.:
15. ELEVATIONS (SHOW DF, KDB, AND WD): KB 5236'

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	☐	☐
FRACTURE TREAT	☐	☐
SHOOT OR ACIDIZE	☐	☐
REPAIR WELL	☐	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☒	☐
(other)		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

RECEIVED
JUN 10 1992
DIVISION OF OIL GAS & MINING

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

It is proposed to plug and abandon RWU No. 54.

3 - BLM
2 - State
3 - Partners
1 - Field
a - LJT
1 - 724C
1 - File

ACCEPTED
~~APPROVED~~ BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 7/6/84
BY: John R. Baza

RECEIVED
JUL 5 1984
DIVISION OF OIL GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED A F Bush TITLE Engineering Asst. DATE June 29, 1984

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

RWU NO. 54(43-14A)
RED WASH/WEST AREA

Location

NE¼SE¼, Section 14, T7S, R22E
Uintah County, Utah

Depth

TD: 6292'
PBTD: 2506(CIBP)

Casing

7" 23#/ft, J-55 & N-80 @ 5727' (DV collar @ 2685')
10-3/4" 40.5#/ft, J-55 @ 413'

Initial Completion (3/57) Oil Well

Perfs: 5380-95, 5616-23, 5625-31 w/3 jets & 4 bullets per foot
Sand-oil squeezed perforations
IP - 10 BOPD

Workovers

Recomplete to Uinta gas sands (2/70)

Squeeze existing perfs
Perforate, test, & exclude perfs 2597-2616, 2693-96, 2763-65, 2994-98 (2 jpf)
Temporarily abandon well

Tubing

None in hole

RWU NO. 54(43-14A)
RED WASH/WEST AREA

Workover procedure

1. MIR and RU. Kill well if necessary.

2. ND wellhead. NU Chevron Class II-B BOPE and pressure test same.

3. PU 6-1/8" bit. RIH w/same to PBTD @2496'. Pressure test csg to 500 psi. Drill out cmt @2496', CIBP @2506', cmt, and CIBP @ 2956'. POOH w/bit.
CIRC 9.0 ppg mud.

4. PU 6-1/8" bit & 7" csg scraper. RIH w/same to 3200'. Est. Inj. rate into perfs 2497' to 2998' (gross interval) to make sure perfs are open. If perfs are open, POOH w/bit & scraper and go on to Step #5. If unable to pump into perfs, POOH w/bit & scraper. RIH w/pkr to isolate and break down perfs. POOH w/pkr.

5. Test annulus betw 7" & 10-3/4" csg to 500 psi. If pressure doesn't hold, notify supervisor for instruction on a top cmt job.

6. RIH w/mechanical set CICR and stinger. Set CICR @ 2475'. Est. inj. rate into perfs 2597-2998' (gross interval). Squeeze perfs per supervisor's instruction. Leave 5' cmt on top of CICR. 50' cement plug.

7. POOH laying down tbg. Set a cmt balance plug from ~~150~~ 300 to ~~300~~ 500'.

8. Finish POOH laying down tbg. Set a top plug w/~~10~~ 25 sx of cmt. Cut-off csg head and place a four inch diameter P&A marker w/an orange-peeled top, that is not less than 10' in length, of which 4' should be above the ground level, the remainder being securely embedded in cmt. The following information should be written on the P&A marker:

Chevron U.S.A. Inc. Red Wash Unit #54(43-14A)
Sec. 14 T7S, Range 22E, NE¼SE¼ Uintah County, Utah
P&A Date; TD 6292'

Al McKee
801-789-1362.

Bullhead. - Set plug. IN 7 x 10 3/4
300'-500'
- 25 sx plug to surface

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☐ other Dry
2. NAME OF OPERATOR: Chevron U.S.A. Inc.
3. ADDRESS OF OPERATOR: P. O. Box 599, Denver, CO 80201
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
   AT SURFACE: 1980' FSL & 660' FEL NESE
   AT TOP PROD. INTERVAL:
   AT TOTAL DEPTH:

5. LEASE: U-0569
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME: Red Wash
8. FARM OR LEASE NAME:
9. WELL NO.: 54 (43-14A)
10. FIELD OR WILDCAT NAME: Red Wash
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 14, T7S, R22E
12. COUNTY OR PARISH: Uintah
13. STATE: Utah
14. API NO.:
15. ELEVATIONS (SHOW DF, KDB, AND WD): KB 5236'

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	☐	☐
FRACTURE TREAT	☐	☐
SHOOT OR ACIDIZE	☐	☐
REPAIR WELL	☐	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☐	☒
(other)		

RECEIVED
SEP 10 1984
DIVISION OF OIL GAS & MINING

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

RECEIVED
JUN 10 1992
DIVISION OF OIL GAS & MINING

Well was plugged and abandoned on August 17, 1984 as follows:
(Work done August 13-17, 1984)

1) MIR & RU, ND well head. NU BOPE.
2) RIH w/bit, DOC and CIBP at 2506', drilled out CICR at 2650' and at 2956'. Cleaned out hole w/bit and casing scraper to 3200'.
3) Displaced hole with 9# mud.
4) RIH CICR and set at 2465'.
5) Pumped 300 sxs cmt into perfs 2597-2998'. Left ± 50' of cmt on top of CICR.
6) Tested 7" casing to 500 psi for 10 min. - held ok.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE Engineering Asst. DATE Sept. 6, 1984

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED ~~APPROVED~~ BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 9/11/84
BY: [signature]

*See Instructions on Reverse Side

RWU 54 (43-14A) Continued

7. Pumped 150 sxs neat cmt.
8. Set a 200' plug from 300-500' w/50 sxs H cmt.
9. Set a 25 sx plug at surface.
10. RD BOPE. Installed well head flange.
11. Installed "Dry Hole" marker.
12. Location to be restored.

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: U-0569

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL ☐ GAS WELL ☐ OTHER Dry

7. UNIT AGREEMENT NAME: Red Wash

2. NAME OF OPERATOR: Chevron U.S.A. Inc.

8. FARM OR LEASE NAME:

3. ADDRESS OF OPERATOR: P.O. Box 599, Denver, CO 80201

9. WELL NO.: 54 (43-14A)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1980' FSL & 660' FEL NESE

10. FIELD AND POOL, OR WILDCAT: Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 14, T7S, R22E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB: 5236'

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Rehabilitate Location			X
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The wellsite has been rehabilitated and reseeded and may be inspected at your convenience.

RECEIVED
JUN 10 1992
DIVISION OF
OIL GAS & MINING

3-BLM
2-STATE
1-RKW
3-SLI
1-LLK

18. I hereby certify that the foregoing is true and correct

SIGNED R. L. Hackpatrick TITLE Permit Coordinator DATE October 8, 1985

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name: N/A

7. If Unit or CA, Agreement Designation: RED WASH UNIT I-SEC NO 761

8. Well Name and No.

9. API Well No.

10. Field and Pool, or Exploratory Area: RED WASH - GREEN RIVER

11. County or Parish, State: UINTAH, UTAH

1. Type of Well
   - [ ] Oil Well
   - [ ] Gas Well
   - [x] Other MULTIPLE WELLS SEE ATTACHED LIST

2. Name of Operator
   CHEVRON U.S.A. INC.

3. Address and Telephone No
   11002 E. 17500 S. VERNAL, UT 84078-8526 (801) 781-4300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
	[ ] Recompletion	[ ] New Construction
[x] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection
	[x] Other CHANGE OF OPERATOR	[ ] Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

As of January 1, 2000 Chevron U.S.A. INC. resigns as Operator of the Red Wash Unit.
The Unit Number is I-SEC NO 761 effective October 31, 1950.

The successor operator under the Unit Agreement will be
Shenandoah Energy Inc.
475 17th Street, Suite 1000
Denver, CO 80202

Agreed and accepted to this 29th day of December, 1999

Shenandoah Energy Inc.

By: Mitchell L. Solich
Mitchell L. Solich
President

RECEIVED
DEC 30 1999
DIVISION OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Signed A. E. Wacker — Title Assistant Secretary — Date 12/29/99

(This space for Federal or State office use)

Approved by: — Title — Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

RECEIVED
FEB 07 2000
DIVISION OF
OIL, GAS AND MINING

IN REPLY REFER TO
UT-931

February 4, 2000

Shenandoah Energy Inc.
Attn: Rae Cusimano
475 17th Street, Suite 1000
Denver, Colorado 80202

Re: Red Wash Unit
Uintah County, Utah

Gentlemen:

On December 30, 1999, we received an indenture whereby Chevron U.S.A. Inc. resigned as Unit Operator and Shenandoah Energy Inc. was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 4, 2000. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Red Wash Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0969 will be used to cover all operations within the Red Wash Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

cc: Chevron U.S.A. Inc.

bcc: Field Manager - Vernal (w/enclosure)
Division of Oil, Gas & Mining
Minerals Adjudication Group U-932
File - Red Wash Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

UT931:TAThompson:tt:2/4/00

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS
2. CDW ✓		5-SJ
3. JLT		6-FILE

Enter date after each listed item is completed

X Change of Operator (Well Sold) Designation of Agent

Operator Name Change (Only) Merger

The operator of the well(s) listed below has changed, effective: **01-01-2000**

FROM: (Old Operator):
CHEVRON USA INC
Address: 11002 E. 17500 S.
VERNAL, UT 84078-8526

Phone: 1-(435)-781-4300
Account No. N0210

TO: (New Operator):
SHENANDOAH ENERGY INC
Address: 11002 E. 17500 S.
VERNAL, UT 84078

Phone: 1-(435)-781-4300
Account N4235

CA No. **Unit: RED WASH**

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
RWU 54 (43-14A)	43-047-15180	5670	14-07S-22E	FEDERAL	OW	PA
RWU 113 (34-15A)	43-047-15231	5670	15-07S-22E	FEDERAL	OW	PA
RWU 89 (23-15A)	43-047-16486	99998	15-07S-22E	FEDERAL	OW	PA
RWU WI 3A (34-16A)	43-047-16481	99996	16-07S-22E	FEDERAL	WI	PA
RWU 100 (43-21A)	43-047-10203	99998	21-07S-22E	FEDERAL	OW	PA
RWU 73 (22-21A)	43-047-15195	5670	21-07S-22E	FEDERAL	OW	PA
RWU 32 (32-22A)	43-047-15159	5670	22-07S-22E	FEDERAL	GW	PA
RWU 258 (34-22A)	43-047-30458	5670	22-07S-22E	FEDERAL	OW	TA
RWU 118 (12-23A)	43-047-15235	99998	23-07S-22E	FEDERAL	OW	PA
RWU 217 (31-29A)	43-047-30105	99998	29-07S-22E	FEDERAL	OW	PA
RWU WI 33A-1	43-047-16484	99998	33-07S-22E	FEDERAL	WI	PA
RWU 151 (42-14B)	43-047-15264	5670	14-07S-23E	FEDERAL	OW	P
RWU 325 (32-16B)	43-047-33083	99999	16-07S-23E	STATE	OW	APD
RWU 329 (32-20B)	43-047-33225	99999	20-07S-23E	FEDERAL	OW	APD
RWU 328 (12-21B)	43-047-33224	99999	21-07S-23E	FEDERAL	OW	APD
RWU 200 (32-33B)	43-047-10207	99998	33-07S-23E	FEDERAL	OW	PA
RWU 249 (14-33C)	43-047-30390	5670	33-07S-24E	FEDERAL	GW	PA
RWU 211 (32-35C)	43-047-10209	99998	35-07S-24E	FEDERAL	OW	PA
RWU 304 (24-2F)	43-047-32106	11341	02-08S-24E	STATE	GW	PA

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12-30-1999

2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 08-09-2000

3. The new company has been checked through the **Department of Commerce, Division of Corporations Database on:** 08-23-2000

4. Is the new operator registered in the State of Utah: YES Business Number: 224885

5. If **NO**, the operator was contacted contacted on: _____

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 02/04/2000

7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 02/04/2000

8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC") Pro** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 09/26/2000

2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 09/26/2000

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: _____

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A

2. The **FORMER** operator has requested a release of liability from their bond on: N/A
   The Division sent response by letter on: N/A

3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 03-09-01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS: